## SEPARATOR FOR BATTERY AND BATTERY USING IT

Patent number:

JP2002025528

**Publication date:** 

2002-01-25

Inventor:

YAMAMOTO HIROYUKI; AOKI NOBUO; SANO

TOYOHIKO; HORI SHUJI; TANAKA TOMOFUMI; KIDA

TATSUNOBU; KAMISASA TOSHIO

H01M2/16; H01M10/30

Applicant:

DAIWA SPINNING CO LTD;; DAIWABO POYTECH KK

Classification:

- international:

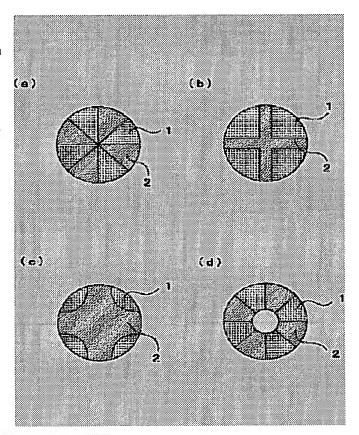
- european:

Application number: JP20000201652 20000703 Priority number(s): JP20000201652 20000703

Report a data error here

## Abstract of JP2002025528

PROBLEM TO BE SOLVED: To obtain a separator for a battery which is superior in homogeneity of nonwoven fabric, which has an excellent liquid-retaining property and a sufficient strength of nonwoven fabric and which can contribute to improve a battery capacity without deteriorating the battery life, and obtain a battery which has outstanding battery characteristics such as improvement of self-discharging or the like. SOLUTION: One component is made from a component wherein (metha) acrylic acid metal salt is contained (MA-containing component (1)), and a fiber web is constituted from polyolefinic division-type composite fiber partitioned into not less than two by other components (2) and from polyolefinic fiber. After homogeneous nonwoven fabric is formed by the polyolefinic division-type composite fiber being divided through a disintegration/beating treatment, a pulper treatment in particular, at the time of slurry adjustment in a wet paper- making process or being divided through a water stream mixing treatment under a low pressure after a wet paper-making process, the separator for the battery capable of contributing to improve a battery capacity is obtained by applying a hydrophilic treatment such as a sulfonation treatment or the like.



Data supplied from the esp@cenet database - Worldwide